AUTODOC CLUB

How to change engine oil and filter on **FIAT Doblo Estate (119_, 223_)** – replacement guide

SIMILAR VIDEO TUTORIAL



This video shows the replacement procedure of a similar car part on another vehicle

Important!

This replacement procedure can be used for:
FIAT Doblo Estate (119_, 223_) 1.2, FIAT Doblo Estate (119_, 223_) 1.4

The steps may slightly vary depending on the car design.

This tutorial was created based on the replacement procedure for a similar car part on: FIAT 500 Hatchback (312) 1.4

REPLACEMENT: ENGINE OIL AND FILTER – FIAT DOBLO ESTATE (119_, 223_). TOOLS YOU'LL NEED:



- All-purpose cleaning spray
- Combination spanner #13
- Drive socket # 10
- Drive socket # 13
- Drive socket # 27
- Ratchet wrench
- Torque wrench
- Flat Screwdriver
- Funnel
- Oil drain pan
- Microfibre towel
- Fender cover

Buy tools

AUTODOC recommends:

- Replace the oil filter every time when changing motor oil.
- All work should be done with the engine stopped.
- Wear gloves to prevent contact with hot liquid.

REPLACEMENT: ENGINE OIL AND FILTER – FIAT DOBLO ESTATE (119_, 223_). TAKE THE FOLLOWING STEPS:

1 Open the hood.

2 Use a fender protection cover to prevent damaging paintwork and plastic parts of the car.

3 Unscrew the oil filler plug.

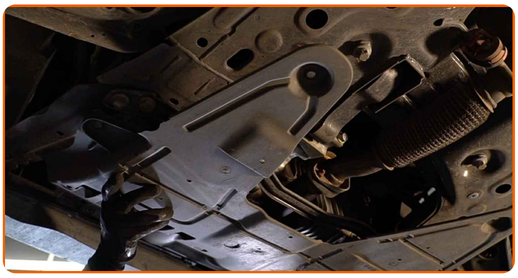


4 Lift the car using a jack or place it over an inspection pit.

Replacement: engine oil and filter – FIAT Doblo Estate (119_, 223_). AUTODOC recommends:

- The vehicle must be on even keel, and if it is at an angle, the drain plug must be at the lowest point.

5 Unscrew the fasteners of the lower sound insulation. Use a drive socket #10. Use a ratchet wrench.



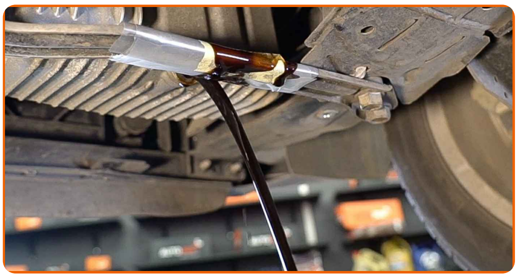
6 Remove the lower sound insulation.

7 Put a waste oil container with at least 4 l capacity under the drainage hole.



8 Clean the area of the oil pan drainage hole. Use all-purpose cleaning spray.

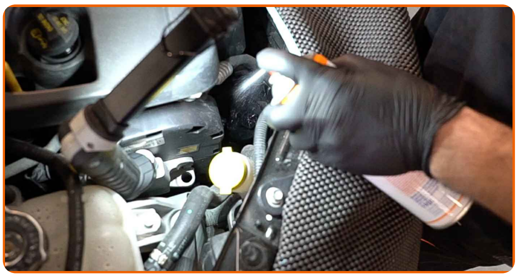
9 Unscrew the drain plug. Use a combination spanner #13. Drain the used oil.



Replacement: engine oil and filter – FIAT Doblo Estate (119_, 223_). Tip:

- Caution! The oil may be hot.

10 Clean the oil filter housing cap. Use all-purpose cleaning spray.



11 Unscrew the filter housing cap together with the old filter element. Use a drive socket #27. Use a ratchet wrench.



12 Prepare a container for the old oil filter.



13 Put the old oil filter in the container.



AUTODOC recommends:

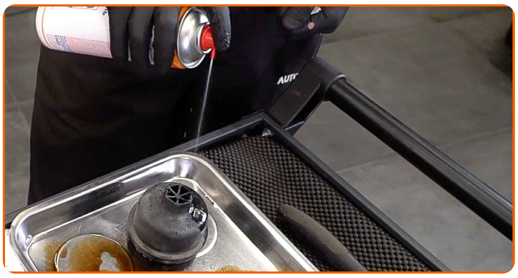
- Move up the container. The oil starts to drain out of the drainage hole immediately after you have removed the oil filter.

14 Cover the oil filter housing with a microfibre towel to prevent dirt and foreign objects from getting into the system.

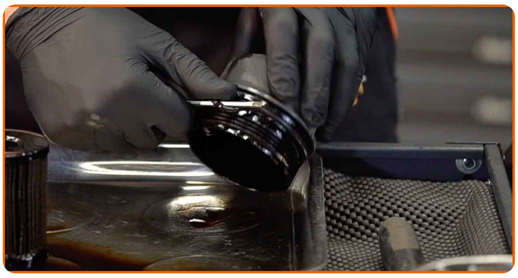
15 Detach the oil filter from the filter cover.



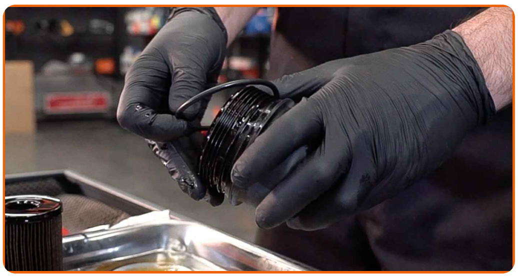
16 Clean the oil filter housing cap. Use all-purpose cleaning spray.



17 Remove the oil filter cover O-ring. Use a flat screwdriver.



18 Install a new O-ring to its mounting seat on the filter cover.



19

Install the new oil filter to the mounting seat on the filter cover.



Please note!

- Make sure to install the filter correctly. Don't mix up the sides of the part.
- Wait until the oil has completely drained from the drainage hole.

20

Clean the area of the oil pan drainage hole.

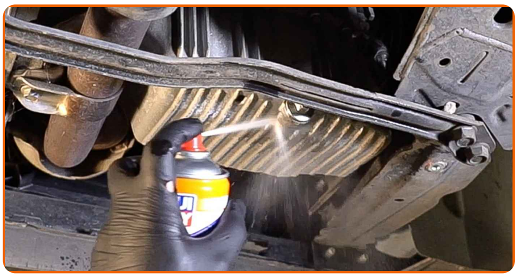


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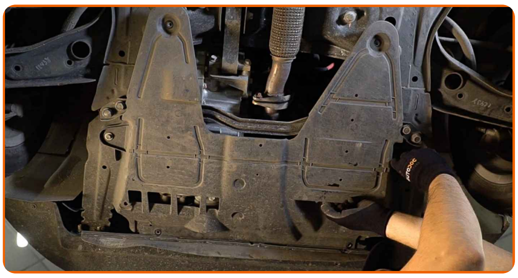
Screw in the new drainage plug and tighten it. Use a drive socket #13. Use a torque wrench. Tighten it to 28 Nm torque.



22 Clean the area of the oil pan drainage hole. Use all-purpose cleaning spray.



23 Install the lower sound insulation.

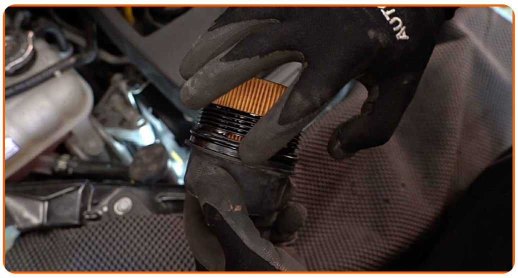


24 Screw in the fasteners of the lower sound insulation. Use a drive socket #10. Use a ratchet wrench.

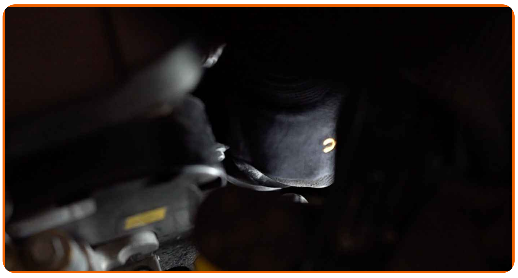
25 Lower the car.

26 Remove the microfibre towel from the oil filter housing.

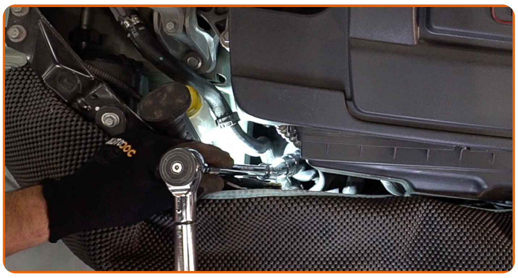
27 Lubricate the rubber seal of the new filter with a little amount of fresh oil.



28 Screw the new filter into its place.



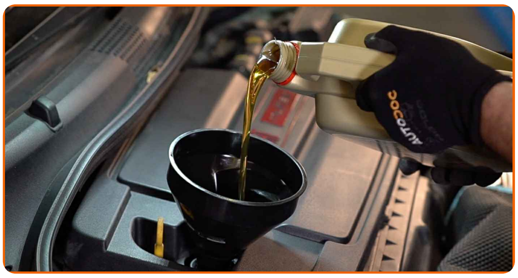
29 Screw the cap. Use a drive socket #27. Use a torque wrench. Tighten it to 25 Nm torque.



30 Remove the oil filler cap. Insert the funnel.



31 Pour new oil into the engine in the amount recommended by the car manufacturer.



Replacement: engine oil and filter – FIAT Doblo Estate (119_, 223_). Professionals recommend:

- Use the oil recommended by the manufacturer.

32 Check the oil level using the dipstick. Top up oil if necessary.



Please note!

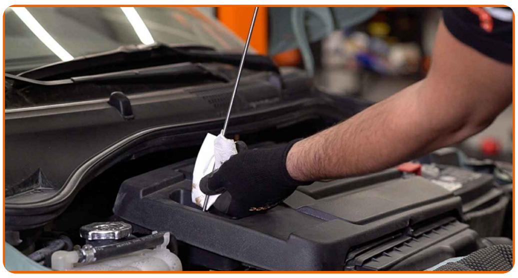
- The oil level should be between the Min and Max marks.

33 Tighten the oil filler cap.



34 Run the engine for a few minutes. After the oil pressure warning light goes out, stop the engine.

35 Check the oil level 5 minutes after the stop of the engine operation using a dipstick and add oil if necessary.



Please note!

- The oil level should be between the Min and Max marks.
- Make sure that the oil filler cap is properly tightened.
- Check the threaded plug of the drainage hole and the oil filter seal for tightness. If necessary, carefully tighten them up.

36 Remove the fender protection cover.

37 Close the hood.

Replacement: engine oil and filter – FIAT Doblo Estate (119_, 223_). Tip from AUTODOC experts:

- Note that oil pressure warning light, which indicates insufficient pressure in the lubrication system, may be on for a longer time than usual. After a few seconds, the oil will fill all the channels, and the light will go out.
- To protect the environment from pollution, be sure to dispose of the used filters at special collection points.

WELL DONE!

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